

## **CLAIMS**

What is claimed is:

- 1           1.       A presentation architecture for creating applications, the  
2 presentation architecture comprising:  
3           a controller generator that is adapted to provide an application with a  
4           controller that receives a request to perform a transaction and  
5           completes the transaction in part, by responding to the request; and  
6           transaction tracking logic that is adapted to provide the application with a  
7           plurality of transaction managers, each transaction manager being  
8           adapted to record tracking information about transactions of a  
9           specific type.
  
- 1           2.       The system set forth in claim 1, wherein the plurality of transaction  
2 managers comprises a business activity manager.
  
- 1           3.       The system set forth in claim 1, wherein the plurality of transaction  
2 managers comprises a performance activity manager.
  
- 1           4.       The system set forth in claim 1, wherein the plurality of transaction  
2 managers comprises an error activity manager.

1           5.       The system set forth in claim 1, wherein the transaction tracking  
2       logic is adapted to provide the application with the ability to track debug activity.

1           6.       The system set forth in claim 1, wherein the transaction tracking  
2       logic is adapted to provide the application with the ability to interface with a  
3       logging program to log data collected by the business activity manager, the  
4       performance activity manager and the error activity manager.

1           7.       The system set forth in claim 1, wherein the transaction tracking  
2       logic is adapted to provide the application with the ability to output data to at least  
3       one of a file system, a database, publishing a messaging queue and a Simple Network  
4       Management Protocol ("SNMP")-based monitoring program.

1           8.       The system set forth in claim 1, wherein the tracking information  
2       comprises timing measurements with respect to the transaction.

1           9.     A method of creating applications, the method comprising:  
2           creating, with a processor-based device, a controller that receives a request  
3           to perform a transaction and completes the transaction by  
4           responding to the request; and  
5           providing a plurality of transaction managers, each transaction manager  
6           being adapted to record tracking information about transactions of a  
7           specific type.

1           10.    The method set forth in claim 9, comprising defining one of the  
2           plurality of transaction managers to be a business activity manager.

1           11.    The method set forth in claim 9, comprising defining one of the  
2           plurality of transaction managers to be a performance activity manager.

1           12.    The method set forth in claim 9, comprising defining one of the  
2           plurality of transaction managers to be an error activity manager.

1           13.    The method set forth in claim 9, comprising providing the  
2           application with the ability to track debug activity.

1           14.     The method set forth in claim 9, comprising providing the  
2     application with the ability to interface with a logging program to facilitate the  
3     logging of data collected by the business activity manager, the performance  
4     activity manager and the error activity manager.

1           15.     The method set forth in claim 9, comprising providing the  
2     application with the ability to output data to at least one of a file system, a database,  
3     publishing a messaging queue and a Simple Network Management Protocol  
4     ("SNMP")-based monitoring program.

1           16.     The method set forth in claim 9, comprising defining the tracking  
2     information to comprise timing measurements with respect to the transaction.

1           17.     A system for creating applications, the system comprising:  
2     means for providing an application with a controller that receives a request  
3                 to perform a transaction and completes the transaction by  
4                 responding to the request; and  
5     means for providing the application with a plurality of transaction  
6                 managers, each transaction manager being adapted to record  
7                 tracking information about transactions of a specific type.

1           18.     The system set forth in claim 17, wherein the plurality of  
2 transaction managers comprises a business activity manager.

1           19.     The system set forth in claim 17, wherein the plurality of  
2 transaction managers comprises a performance activity manager.

1           20.     The system set forth in claim 17, wherein the plurality of  
2 transaction managers comprises an error activity manager.

1           21.     The system set forth in claim 17, wherein the means for providing  
2 the application with a plurality of transaction managers is adapted to provide the  
3 application with the ability to track debug activity.

1           22.     The system set forth in claim 17, wherein the means for providing  
2 the application with a plurality of transaction managers is adapted to provide the  
3 application with the ability to interface with a logging program to log data  
4 collected by the business activity manager, the performance activity manager and  
5 the error activity manager.

1           23.     The system set forth in claim 17, wherein the transaction tracking  
2     logic is adapted to provide the application with the ability to output data to at least  
3     one of a file system, a database, publishing a messaging queue and a Simple Network  
4     Management Protocol (“SNMP”)-based monitoring program.

1           24.     The system set forth in claim 15, wherein the tracking information  
2     comprises timing measurements with respect to the transaction.

1           25.     A program, comprising:  
2             a machine readable medium;  
3             a controller generator stored on the machine readable medium, the  
4                 controller generator being adapted to provide an application with a  
5                 controller that receives a request to perform a transaction and  
6                 completes the transaction by responding to the request; and  
7             transaction tracking logic stored on the machine readable medium, the  
8                 transaction tracking logic being adapted to provide the application  
9                 with a plurality of transaction managers, each transaction manager  
10                being adapted to record tracking information about transactions of a  
11                specific type.

1           26.     The program set forth in claim 25, wherein the plurality of  
2     transaction managers comprises a business activity manager.

1           27.    The program set forth in claim 25, wherein the plurality of  
2   transaction managers comprises a performance activity manager.

1           28.    The program set forth in claim 25, wherein the plurality of  
2   transaction managers comprises an error activity manager.

1           29.    The program set forth in claim 25, wherein the transaction tracking  
2   logic is adapted to provide the application with the ability to track debug activity.